



# City of Richmond

June 3, 2010  
File: 10-6340-20-P.10402/Vol 01

**Business and Financial Services**  
Telephone: (604) 276-4097  
Fax: (604) 276-4162

TO THOSE WHO HAVE RECEIVED COPIES OF T.3922

Dear Sir/Madam:

**Re: Addendum No. 2  
Contract T.3922  
Watermain Replacement Program 2010 – Lulu East and West**

This addendum forms part of the Tender Documents and shall be read, interpreted and coordinated with all other parts. The costs of all work contained herein shall be included in the Tender Price.

Tenderers shall acknowledge receipt of this addendum by inserting its number and date where provided for in the Form of Tender.

The following revisions supersede the information contained in the original Tender Document to the extent referenced and shall become part thereof:

## **1. INVITATION TO TENDER**

- 1.1 Invitation to Tender add “Addendum No. 2”
- 1.2 Delete “150mm diameter watermain – 2500m”
- 1.3 Delete “200mm diameter watermain – 1900m” and replace with “200mm diameter watermain – 5315m”
- 1.4 Delete “300mm diameter watermain – 2500m” and replace with “300mm diameter watermain – 1610m”

## **2. INSTRUCTIONS TO TENDERERS (IT) PART I**

### **2.1 Page A-4: Introduction 1. , 1.1, F., Grant Funded Watermains**

After “...accounting purposes.” add “Tenderers should note that failure to complete the grant funded work before the end of February 2011 could result in the loss of grant funding.”

2.2 Page A-7: **Responsibility for Addenda** 4.6

Take note of this new process. The City will no longer send out addenda to Tenderers. Tenderers are responsible for checking for addenda on BC Bid or the City's Website. This addendum only, will be sent out as a courtesy.

2.3 Page A-9: Add "**Sustainable Practices** 4.18

The City in accordance with its commitments to explore and implement environmentally sustainable practices, is hereby inviting the tenderers to highlight any practices which it may consider employing on this project, which it would normally not use. Details should be inserted in Appendix 7."

**3. FORM OF TENDER**

3.1 Page B-2: Table of Contents Add "Appendix 7 – Sustainable Practices.....B-26"

3.2 Page B-21: Delete Appendix 2 and replace with Appendix 2 (Addendum No. 2)

3.3 Page B-26: Add Appendix 7

3.4 Pages B-10, B-12, B-15, B-16, B-18, and B-19: Delete Schedules A, C, F1, F2, F4, and G and replace with Addendum No. 2 Schedules A, C, F1, F2, F4, and G.

**4. SUPPLEMENTARY GENERAL CONDITIONS**

4.1 Page D-6: SGC 12 – Construction Priorities - Second Paragraph.

After "...complete tie-ins and commission the watermains" add "and shall complete paving and cleanup".

**5. SUPPLEMENTARY SPECIFICATIONS**

5.1 Page D-8: Change "Contract Time SSP 3" to Expediting Work SSP 3".

5.2 Page D-8: Clause SSP 3 Delete "The *Work* under the *Contract* shall be completed to substantial completion no later than January 31, 2011."

5.3 Page D-16: Delete "Advance warning signs (1) of the roadway..." and replace with "Advance warning signs showing the roadway..." in SSP 24.

5.4 Page D-16: Delete "All works on Westminster Hwy shall be between the hours of 7:00 AM and 8:00 PM;" and replace with "Days and hours of work shall be established based on the Classification of the roadway being affected and nearby traffic generators;" in SSP 24.

5.5 Page D-16: Delete "A minimum of single lane alternating traffic shall be maintained at all times during construction on Westminster Hwy." in SSP 24.

5.6 Page D-16: Delete "When necessary Westminster Hwy may be closed to all traffic provided access is maintained for local residents within the work zone. All other traffic may be detoured around the work zone;" in SSP 24.

5.7 Page D-19: Add "**Minimum Watermain Size SSP 28**".

All 150mm watermain shown in the Contract Drawings is to be read as *200mm watermain*. All relevant valves and fittings on 150mm watermain main lines shall also be upsized to 200mm. The exception will be hydrant leads, which will remain as 150mm as shown in the Contract Drawings.

Yours truly,

A handwritten signature in black ink, appearing to read "Sumita", written in a cursive style.

Sumita Dosanjh for Kerry Lynne Gillis  
*Buyer II - Contracting Specialist*

**T.3922 – Watermain Replacement Program 2010 – Lulu East and West.  
 SCHEDULE OF QUANTITIES AND PRICES (Addendum No.2)**

ITEM NO.	DESCRIPTION	UNIT	EST. QTYS.	UNIT PRICE (\$)	TOTAL AMT. (\$)
<b>A</b>	<b>St Albans Watermains</b> (Excluding Grant Funded)				
A-W1	Supply and install PVC Class 150 (DR18) AWWA C900 watermain (including fittings) as follows: a) 200mm dia.	Lin.m.	1239		
A-W2	Supply and install complete fire hydrant (including fittings, valves and accessories)	Ea.	10		
A-W3	Supply and install complete service connections as per drawings (including fittings and valves) a) 25mm dia.	Ea.	91		
A-W4	Pressure testing, cleaning, flushing, and disinfecting watermain system.	Lump Sum			
A-W5	Supply and install final asphalt overlay.	Lump Sum			
<b>TOTAL FOR WATERMAIN -ITEM A (Excluding GST, PST, HST)            (Carry forward to Tender Summary)</b>					

Tenderer's Initial\_\_\_\_\_

<b>T.3922 – Watermain Replacement Program 2010 – Lulu East and West.</b>					
<b>SCHEDULE OF QUANTITIES AND PRICES (Addendum No. 2)</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>EST. QTYS.</b>	<b>UNIT PRICE (\$)</b>	<b>TOTAL AMT. (\$)</b>
<b>C</b>	<b>Seaham Watermains</b> (Excluding Grant Funded)				
C-W1	Supply and install PVC Class 150 (DR18) AWWA C900_watermain (including fittings) as follows: a) 200mm dia.	Lin.m.	468		
C-W2	Supply and install complete fire hydrant (including fittings, valves and accessories)	Ea.	5		
C-W3	Supply and install complete service connections as per drawings (including fittings and valves) a) 25mm dia.	Ea.	24		
C-W4	Pressure testing, cleaning, flushing, and disinfecting watermain system.	Lump Sum			
C-W5	Supply and install final asphalt overlay.	Lump Sum			
<b>TOTAL FOR WATERMAIN -ITEM C (Excluding GST, PST, HST)</b> <b>(Carry forward to Tender Summary)</b>					

Tenderer's Initial\_\_\_\_\_

<b>T.3922 – Watermain Replacement Program 2010 – Lulu East and West.</b>					
<b>SCHEDULE OF QUANTITIES AND PRICES (Addendum No. 2)</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>EST. QTYS.</b>	<b>UNIT PRICE (\$)</b>	<b>TOTAL AMT. (\$)</b>
<b>F1</b>	<b>Bowcock Road Watermain – Grant Funded</b>				
F1-W1	Supply and install PVC Class 150 (DR18) AWWA C900 watermain (including fittings) as follows:				
	a) 200mm dia.	Lin.m.	890		
F1-W2	Supply and install complete fire hydrant (including fittings, valves and accessories)	Ea.	8		
F1-W3	Supply and install complete service connections as per drawings (including fittings and valves)				
	a) 25mm dia.	Ea.	53		
F1-W4	Pressure testing, cleaning, flushing, and disinfecting watermain system.	Lump Sum			
F1-W5	Supply and install final asphalt overlay.	Lump Sum			
<b>TOTAL FOR WATERMAIN -ITEM F1 (Excluding GST, PST, HST)</b>					
<b>(Carry forward to Tender Summary)</b>					

Tenderer's Initial\_\_\_\_\_

<b>T.3922 – Watermain Replacement Program 2010 – Lulu East and West.</b>					
<b>SCHEDULE OF QUANTITIES AND PRICES (Addendum No.2)</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>EST. QTYS.</b>	<b>UNIT PRICE (\$)</b>	<b>TOTAL AMT. (\$)</b>
<b>F2</b>	<b>Wheeler Road Watermain – Grant Funded</b>				
F2-W1	Supply and install PVC Class 150 (DR18) AWWA C900 watermain (including fittings) as follows:				
	a) 200mm dia.	Lin.m.	194		
F2-W2	Supply and install complete fire hydrant (including fittings, valves and accessories)	Ea.	2		
F2-W3	Supply and install complete service connections as per drawings (including fittings and valves)				
	a) 25mm dia.	Ea.	20		
F2-W4	Pressure testing, cleaning, flushing, and disinfecting watermain system.	Lump Sum			
F2-W5	Supply and install final asphalt overlay.	Lump Sum			
<b>TOTAL FOR WATERMAIN -ITEM F2 (Excluding GST, PST, HST)</b>					
<b>(Carry forward to Tender Summary)</b>					

Tenderer's Initial\_\_\_\_\_

<b>T.3922 – Watermain Replacement Program 2010 – Lulu East and West.</b>					
<b>SCHEDULE OF QUANTITIES AND PRICES (Addendum No.2)</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>EST. QTYS.</b>	<b>UNIT PRICE (\$)</b>	<b>TOTAL AMT. (\$)</b>
<b>F4</b>	<b>Seaham Crescent Watermain – Grant Funded</b>				
F4-W1	Supply and install PVC Class 150 (DR18) AWWA C900 watermain (including fittings) as follows:				
	a) 200mm dia..	Lin.m.	483		
F4-W2	Supply and install complete fire hydrant (including fittings, valves and accessories)	Ea.	4		
F4-W3	Supply and install complete service connections as per drawings (including fittings and valves)				
	a) 25mm dia.	Ea.	40		
F4-W4	Pressure testing, cleaning, flushing, and disinfecting watermain system.	Lump Sum			
F4-W5	Supply and install final asphalt overlay.	Lump Sum			
<b>TOTAL FOR WATERMAIN -ITEM F4 (Excluding GST, PST, HST)</b> <b>(Carry forward to Tender Summary)</b>					

Tenderer's Initial\_\_\_\_\_



<b>T.3922 – Watermain Replacement Program 2010 – Lulu East and West. SCHEDULE OF QUANTITIES AND PRICES (Addendum No.2)</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>EST. QTYS.</b>	<b>UNIT PRICE (\$)</b>	<b>TOTAL AMT. (\$)</b>
<b>G</b>	<b>Lucas Watermains</b>				
G-W1	Supply and install PVC Class 150 (DR18) AWWA C900 watermain (including fittings) as follows:				
	a) 200mm dia.	Lin.m.	1414		
G-W2	Supply and install complete fire hydrant (including fittings, valves and accessories)	Ea.	11		
G-W3	Supply and install complete service connections as per drawings (including fittings and valves)				
	a) 25mm dia.	Ea.	100		
G-W4	Pressure testing, cleaning, flushing, and disinfecting watermain system.	Lump Sum			
G-W5	Supply and install final asphalt overlay.	Lump Sum			
<b>TOTAL FOR WATERMAIN -ITEM G (Excluding GST, PST, HST) (Carry forward to Tender Summary)</b>					

Tenderer's Initial\_\_\_\_\_

**FORM OF TENDER**  
**Appendix 7 (Addendum No. 2)**  
**SUSTAINABLE PRACTICES**

Sustainable practices are defined as those materials, equipment and construction methodologies that reduce greenhouse gas emissions as compared to standard practices.

Sustainable Materials

Sustainable Equipment

Sustainable Construction Methodologies

Award of Contract will be made according to City Policy 3104 adopted May 8, 2006.

Tenderer's Initial \_\_\_\_\_

**FORM OF TENDER**

**Appendix 2 (Addendum No. 2)**

**PRELIMINARY CONSTRUCTION SCHEDULE**  
 (See paragraph 5.3.2 of the Instructions to Tenderers - Part II)

INDICATE SCHEDULE WITH BAR CHART WITH MAJOR ITEM DESCRIPTIONS AND TIME

ACTIVITY	CONSTRUCTION SCHEDULE (WEEKS)																							
	11/07	18/07	07/23	07/30	08/06	08/13	08/20	08/27	09/03	09/10	09/17	09/24	10/01	10/08	10/15	10/22	10/29	11/05	11/12	11/19	11/26	12/03	12/10	
A. St. Albans Watermain																								
Final Paving																								
B. St. Albans Drainage																								
Final Paving																								
C. Seaham Watermains																								
Final Paving																								
D. No. 8 Road Watermains																								
Final Paving																								
E. Gilley Watermains																								
Final Paving																								
G. Lucas Watermains																								
Final Paving																								
H. Claybrook Watermains																								
Final Paving																								

In completing the above schedule, Tenderers shall allow a period of 3 weeks from the date of closing of tenders to the Notice of Award

Tenderer's Initial \_\_\_\_\_